



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Bailey et al

App. No.:

10/666,527

GPAU:

1722

Filing Date:

18 Sept 2003

Examiner:

Emmanuel S. Luk

Dkt. No.:

PA51-22-02

Conf. No.:

5895

For: Imprint Lithography Templates Having Alignment Marks

INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The following information is submitted in compliance with Applicants' duty of disclosure and pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98. The undersigned brings the patents, publications, applications or other information identified in the attached **Form(s) PTO/SB/08A** to the Examiner's attention in the above-identified application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed during the period specified in § 1.97(c). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown below.

Further, Applicants believe it to be prudent for the Examiner to review the document numbers of each cited reference such that many cited references have substantially similar, if not identical document numbers associated therewith. Further, Applicants also believe it be prudent to view the English translation abstracts, if provided, along with the figures associated with each cited reference.

The Commissioner is hereby authorized to charge \$180.00 to Deposit Account

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Number 502650. Applicants do not believe that any additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 502650.

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as either First Class Mail or Express Mail, in an envelope addressed to the Commissioner for Patents.

Signed: M. Carter
Typed Name: Jenny Cowlishaw
Date: Jan 26, 2006

Respectfully Submitted,



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Substitute for form 1449A/PTO

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STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Application Number	10/666,527
Filing Date	18 Sept 2003
First Named Inventor	Bailey et al
Group Art Unit	1722
Examiner Name	Emmanuel S. Luk
Attorney Docket Number	PA51-22-02

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
E1	2003/0180631	A1		Shiota et al.	9/25/2003	
E2	6,664,026	B2		Nguyen et al.	12/16/2003	
E3	6,261,469	B1		Zakhidov et al.	7/17/2001	
E4	5,817,376			Everaerts et al.	10/6/1998	
E5	6,986,975	B2		Sreenivasan et al.	1/17/2006	
E6	2006/0019183	A1		Voisin	1/26/2006	
E7	3,677,178			Gipe	7/18/1972	
E8	6,743,368	B2		Lee	6/1/2004	
E9	2005/0236360	A1		Watts et al.	10/27/2005	
E10	6,399,406	B2		Chan et al.	6/4/2002	
E11	6,605,849	B1		Lutwak et al.	8/12/2003	
E12	6,607,173	B2		Westmoreland	8/19/2003	
E13	7,037,639	B2		Voisin	5/2/2006	
E14	2006/0096949	A1		Watts et al.	5/11/2006	

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				Group Art Unit 1722	
				Examiner Name Emmanuel S. Luk	
				T ²	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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E15	Translation of Japanese Patent 61-40845, 2/1/1986	
E16	Translation of Japanese Patent 02-248480, 10/1/1990	
E17	Translation of Japanese Patent 03-090345, 4/1/1991	
E18	Translation of Japanese Patent 09-278490, 10/1/1997	
E19	Abstract of Japanese Patent 03-090345, 4/1/1991	
E20	Abstract of Japanese Patent 09-278490, 10/1/1997	
E21	BIEN ET AL., Characterization of Masking Materials for Deep Glass Micromachining, J. Micromech. Microeng. 13 pp. S34-S40 1/1/2003	
E22	BRITTEN ET AL., Multiscale, Multifunction Diffractive Structures We Etched into Fused Silica for High-Laser Damage Threshold Applications, Applied Optics, Vol. 37, No. 30 10/20/1998	
E23	FLETCHER ET AL., Microfabricated Silicon Solid Immersion Lens, Journal of Microelectromechanical Systems, Vol. 10, No. 3 9/1/2001	

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	E24	KHANDAKER ET AL., Fabrication of Microlens Arrays by Direct Electron Beam Exposure of Photoresist, Pure Appl. Opt. 6, pp. 637-641 1/1/1997	
	E25	KIM ET AL., Replication Qualities and Optical Properties of UV-moulded Microlens Arrays, J. Phys. D: Appl. Phys. 36; pp. 2451-2456 1/1/2003	
	E26	KOBAYASHI ET AL., Batch Bulk-Micromachined High-Precision Metal-On-Insulator Microspires and Their Application to Scanning Tunneling Microscopy, J. Micromech. Microeng. 14; pp. S76-S81 1/1/2004	
	E27	KONIJN ET AL., Nanoimprint Lithography of Sub-100nm 3D Structures, Microelectronic Engineering 78-79; pp653-658 1/1/2005	
	E28	KUNNAVAKKAM ET AL., Low-cost, Low-loss Microlens Arrays Fabricated by Soft-Lithography Replication Process, Applied Physics Letters, Volume 82, Number 8 2/24/2003	
	E29	MANSELL ET AL., Binary-Optic Smoothing with Isotropic Etching, Applied Optics; Vol. 36, No. 20 7/10/1997	
	E30	WAHEED ET AL., Balancing Aerial Image Intensity for Alternating Aperture Phase Shift Masks Using an Isotropic Dry-Etch, Proceedings of SPIE Vol. 5130 4/18/2003	
	E31	SANO ET AL., Submicron Spaced Lens Array Process Technology for a High Photosensitivity CCD Image Sensor, IEEE IEDM Dig.; pp. 283-286 1/1/1990	
	E32	TSUKAMOTO ET AL., High Sensitivity Pixel Technology for a 1/4 inch PAL 430k pixel IT-CCD, IEE Custom Integrated Circuits Conference 1/1/1996	

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	E33	YONEDA ET AL., Translation of Japanese Patent 02-248480, Transparent Substrate with Water-Repellent and Antistaining Properties, and Structure Equipped Therewith 10/4/1990			
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